

Typical Performance Data

FREQ.  (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1	21.15	21.14	21.15	0.15	0.17	0.19	0.10	0.11	0.12
2	15.27	15.26	15.26	0.26	0.28	0.30	0.21	0.21	0.22
3	11.92	11.91	11.91	0.44	0.46	0.47	0.37	0.38	0.39
4	9.64	9.63	9.63	0.66	0.69	0.70	0.59	0.60	0.61
5	7.95	7.95	7.95	0.94	0.96	0.98	0.86	0.87	0.88
6	6.66	6.65	6.66	1.25	1.28	1.30	1.17	1.18	1.19
7	5.63	5.63	5.64	1.60	1.63	1.65	1.52	1.53	1.54
8	4.80	4.80	4.81	1.98	2.00	2.02	1.89	1.90	1.91
9	4.12	4.13	4.14	2.38	2.40	2.42	2.28	2.29	2.30
10	3.56	3.58	3.58	2.79	2.81	2.83	2.69	2.70	2.71
11	3.10	3.11	3.12	3.22	3.24	3.25	3.12	3.13	3.13
12	2.70	2.72	2.73	3.65	3.67	3.69	3.56	3.56	3.56
13	2.37	2.38	2.39	4.10	4.11	4.13	4.00	4.00	4.00
14	2.08	2.10	2.11	4.55	4.56	4.57	4.45	4.44	4.45
15	1.84	1.85	1.87	5.00	5.01	5.02	4.90	4.90	4.90
17	1.45	1.46	1.48	5.91	5.91	5.92	5.82	5.80	5.80
18	1.29	1.31	1.32	6.37	6.36	6.36	6.28	6.26	6.25
20	1.04	1.05	1.07	7.28	7.27	7.26	7.19	7.16	7.15
25	0.62	0.64	0.66	9.56	9.51	9.49	9.50	9.44	9.42
30	0.40	0.41	0.43	11.79	11.73	11.69	11.81	11.75	11.71
35	0.28	0.29	0.31	14.00	13.94	13.88	14.16	14.09	14.05
40	0.21	0.23	0.24	16.17	16.12	16.07	16.54	16.49	16.45
45	0.18	0.19	0.20	18.31	18.29	18.23	18.94	18.91	18.89
50	0.16	0.18	0.19	20.43	20.41	20.34	21.37	21.31	21.28
55	0.16	0.18	0.20	22.56	22.42	22.28	23.68	23.43	23.29
60	0.17	0.19	0.21	24.76	24.26	23.93	25.62	24.89	24.48
70	0.20	0.23	0.26	26.53	25.15	24.38	25.44	24.24	23.53
80	0.27	0.30	0.33	22.72	22.08	21.63	21.75	21.25	20.87
90	0.37	0.41	0.44	19.79	19.60	19.41	19.31	19.23	19.11
100	0.49	0.54	0.59	19.44	19.36	19.24	19.29	19.39	19.40
110	0.69	0.77	0.84	23.71	23.63	23.51	22.66	22.69	22.65
120	1.50	1.70	1.86	14.84	13.90	13.41	14.96	14.26	13.84
125	3.72	4.13	4.44	6.09	5.83	5.68	6.60	6.49	6.41
130	9.98	10.52	10.93	1.97	2.03	2.07	2.35	2.50	2.60
132	13.55	14.10	14.51	1.33	1.42	1.48	1.66	1.83	1.93
135	19.68	20.24	20.68	0.85	0.95	1.01	1.11	1.26	1.36
136	21.93	22.50	22.95	0.76	0.85	0.92	1.00	1.14	1.24
137	24.29	24.88	25.35	0.68	0.78	0.84	0.90	1.04	1.13
138	26.81	27.43	27.92	0.62	0.71	0.78	0.83	0.96	1.04
139	29.50	30.16	30.68	0.57	0.66	0.72	0.76	0.88	0.97
140	32.44	33.15	33.71	0.53	0.62	0.67	0.71	0.82	0.90
142	39.48	40.32	41.00	0.46	0.55	0.60	0.62	0.72	0.79
144	49.24	49.59	49.64	0.41	0.49	0.54	0.55	0.64	0.70
145	52.95	51.66	50.74	0.39	0.46	0.51	0.51	0.60	0.66
150	48.25	48.25	48.18	0.31	0.38	0.42	0.40	0.47	0.52
200	39.65	39.85	39.96	0.12	0.15	0.16	0.14	0.16	0.17
250	62.45	62.55	62.46	0.11	0.12	0.14	0.12	0.13	0.13
300	44.78	44.93	45.02	0.12	0.13	0.14	0.11	0.13	0.13
350	42.33	42.39	42.50	0.12	0.14	0.15	0.11	0.13	0.14
400	42.12	42.17	42.25	0.12	0.14	0.15	0.10	0.13	0.13
500	44.45	44.54	44.64	0.12	0.14	0.16	0.10	0.13	0.14
750	55.31	55.13	54.82	0.11	0.14	0.15	0.10	0.14	0.15
800	49.23	49.18	48.93	0.10	0.14	0.15	0.10	0.14	0.15
950	39.71	39.62	39.45	0.09	0.14	0.15	0.12	0.18	0.20
1000	36.92	36.87	36.68	0.09	0.15	0.16	0.16	0.23	0.27
1100	30.55	30.41	30.21	0.09	0.16	0.18	0.77	0.99	1.17
1200	32.45	32.86	33.13	0.10	0.19	0.20	1.31	1.42	1.49
1300	49.94	50.14	50.43	0.15	0.25	0.28	0.20	0.27	0.31
1400	51.11	50.52	50.30	0.27	0.42	0.48	0.08	0.15	0.19
1500	31.32	30.88	30.51	1.00	1.33	1.52	0.06	0.14	0.18

Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
50.0	5.29	5.29	5.29
50.5	5.30	5.31	5.32
51.0	5.27	5.27	5.29
51.5	5.30	5.30	5.33
52.0	5.30	5.30	5.31
52.5	5.29	5.30	5.31
53.0	5.30	5.31	5.32
53.5	5.29	5.29	5.31
54.0	5.30	5.32	5.34
54.5	5.30	5.32	5.32
55.0	5.31	5.32	5.31
55.5	5.31	5.32	5.33
56.0	5.31	5.31	5.33
56.5	5.33	5.33	5.35
57.0	5.36	5.36	5.36
57.5	5.35	5.35	5.36
58.0	5.35	5.38	5.38
58.5	5.39	5.38	5.40
59.0	5.39	5.38	5.39
59.5	5.40	5.40	5.41
60.0	5.41	5.41	5.44
60.5	5.42	5.42	5.42
61.0	5.43	5.42	5.45
61.5	5.43	5.43	5.45
62.0	5.44	5.44	5.45
62.5	5.47	5.46	5.49
63.0	5.47	5.48	5.49
63.5	5.51	5.51	5.53
64.0	5.54	5.55	5.54
64.5	5.54	5.55	5.57
65.0	5.59	5.59	5.59
65.5	5.56	5.59	5.60
68.0	5.68	5.68	5.69
70.0	5.76	5.77	5.77
72.0	5.85	5.86	5.87
74.0	5.93	5.95	5.96
75.0	6.05	6.04	6.05
79.0	6.29	6.31	6.31
79.5	6.34	6.33	6.35
80.0	6.35	6.38	6.39
80.5	6.40	6.41	6.41
81.0	6.45	6.46	6.48
81.5	6.46	6.47	6.49
82.0	6.52	6.54	6.55
82.5	6.56	6.58	6.59
83.0	6.62	6.62	6.64
83.5	6.64	6.67	6.67
84.0	6.69	6.71	6.73
84.5	6.76	6.78	6.77
85.0	6.81	6.81	6.84
85.5	6.84	6.84	6.87
86.0	6.88	6.90	6.91
86.5	6.92	6.95	6.98
87.0	6.98	7.01	7.01
87.5	7.04	7.05	7.07
88.0	7.09	7.13	7.14
88.5	7.16	7.19	7.19
89.0	7.21	7.25	7.27
89.5	7.28	7.31	7.32
90.0	7.33	7.35	7.37